

Inference at *
of proof for Lemma can-apply-compose-sq:

$\vdash \forall A, B, C:\text{Type}, g:(A \rightarrow (B + \text{Top})), f:(B \rightarrow (C + \text{Top})), x:A.$
 $\text{can-apply}(f \circ g ; x) \sim (\text{can-apply}(g;x) \wedge_b \text{can-apply}(f;\text{do-apply}(g;x)))$
by ((UnivCD)
CollapseTHEN (Auto··)
CollapseTHEN ((RepUR “
do-apply can-apply p-compose“ (0)·)
CollapseTHEN (((GenConclAtAddr [1;1;1;1])

CollapseTHEN (Auto··)
CollapseTHEN ((D (-2)·)
CollapseTHEN ((Reduce 0)

CollapseTHEN (Auto··)·)·)·)·)